

NATIONAL SW-3 SERIES 60 COILS

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Coil	WINDING	WIRE SIZE	INCHES	TOTAL NO. OF TURNS	URNS PER INCH
No. 60	SEC	16 ENAMEL		2 5/6	5
9-15 METERS	PRI	24 ENAMEL		2 5/6	5
	TICK	32 DBL SILK	*	1 5/6	5
No. 61	SEC	16 ENAMEL		6 1/4	5
13.5-25 METERS	PRI	24 ENAMEL		5 5/6	5
	TICK	32 DBL SILK		2 1/6	5
No. 62	SEC	18 ENAMEL		11 5/6	8
23-41 METERS	PRI	24 ENAMEL		9 5/6	8
	TICK	32 DBL SILK		2 1/6	8
No. 63	SEC	18 ENAMEL		19 5/6	14
40-70 METERS	PRI	34 DBL SILK		12 5/6	14
	TICK	32 DBL SILK		2	14
No. 64	SEC	24 ENAMEL		34 5/6	24
65-115 METERS	PRI	34 DBL CTN		21 5/6	24
	TICK	32 DBL SILK		3 1/6	24
No. 65	SEC	28 ENAMEL		62 5/6	40
115-200 METERS	PRI	32 DBL SILK		38 5/6	40
	TICK	32 DBL SILK		4	40
No. 66	SEC DET	32 DBL SILK		98 5/6	CLOSE
200-360 METERS	SEC RF	32 DBL SILK		102 5/6	WOUND
	PRI DET	32 DBL SILK	10 5/6	47 5/6	
	PRI RF	32 DBL SILK		47 5/6	
	TICK	32 DBL SILK		6	

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COIL		WINDING	WIRE	SIZE	WIRE	TOTAL NO. OF TURNS	TURNS PER INCH
No.	67	SEC DET	32	ENAMEL		166 $\frac{5}{16}$	CLOSE
360-550	METERS	SEC RF	32	ENAMEL		171 $\frac{5}{16}$	WOUND
		PRI DET	32	ENAMEL	15 $\frac{5}{16}$	82 $\frac{5}{16}$	
		PRI RF	32	ENAMEL		82 $\frac{5}{16}$	
		TICK	32	DBL SILK		8	↓
No.	68	SEC	36	ENAMEL		270 $\frac{5}{16}$	CLOSE
500-850	METERS	PRI	32	DBL SILK		36 $\frac{5}{16}$	WOUND
		TICK	34	DBL SILK		18	↓
No.	60-A	SEC	20	ENAMEL	1	4 $\frac{1}{2}$	5
10	METERS	PRI	24	ENAMEL		2 $\frac{5}{16}$	5
		TICK DET	32	DBL SILK		1 $\frac{3}{4}$	5
		TICK RF	32	DBL SILK		2 $\frac{1}{16}$	5
No.	61-A	SEC	24	ENAMEL	2 $\frac{1}{2}$	9 $\frac{5}{16}$	8
20	METERS	PRI	34	DBL SILK		7 $\frac{5}{16}$	8
		TICK DET	32	DBL SILK		2	8
		TICK RF	32	DBL SILK		3	8
No.	63-A	SEC	24	ENAMEL	5 $\frac{5}{16}$	20 $\frac{5}{16}$	14
40	METERS	PRI	34	DBL SILK		15 $\frac{5}{16}$	14
		TICK DET	32	DBL SILK		3	14
		TICK RF	32	DBL SILK		4	14
No.	64-A	SEC	24	ENAMEL	16 $\frac{5}{16}$	34 $\frac{5}{16}$	24
80	METERS	PRI	34	DBL SILK		21 $\frac{5}{16}$	24
		TICK DET	32	DBL SILK		3	24
		TICK RF	32	DBL SILK		4	24

COIL		WINDING	WIRE	SIZE	TAP	TOTAL NO. OF TURNS	TURNS PER INCH
No.	65A	SEC	28	ENAMEL	38 ⁵ / ₆	62 ⁵ / ₆	40
160	METERS	PR1 DET	32	DBL SILK		25 ⁵ / ₆	40
		TICK DET	32	DBL SILK		4	40
		TICK RF	32	DBL SILK		5	40
* TICKLER SHOULD BE 1/8" FROM START OF PRIMARY							
DBL SILK = DOUBLE SILK							
DBL CTN = DOUBLE COTTON							
30	METERS	SEC	30	ENAMEL	1 ⁵ / ₆	10 ⁵ / ₆	SPACE COIL 1 INCH LONG
		PR1	30	ENAMEL		8 ⁵ / ₆ *	SPACE COIL 1 INCH LONG *
		TICK DET	30	ENAMEL		3 ¹ / ₆	
		TICK RF	30	ENAMEL		2 ⁵ / ₆	
* 33.1 pf across RF primary to bring trimmer into range							
* Interwound in secondary							

COILS

FOR
NATIONAL SW-3

THIS PAGE
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COIL NO.	APPROXIMATE FREQ. RANGE			APPROXIMATE WAVELENGTH (METERS)		BANDSPREAD COILS (COIL) (METERS)	
72	40	160	KHZ	3000	2000		
71	150	220	KHZ	2000	1500		
70	190	280	KHZ	1500	1200		
69	250	390	KHZ	1200	850		
68	320	650	KHZ	850	500		
67	500	900	KHZ	550	350		
66	690	1500	KHZ	360	200		
65	1.5	2.7	MHZ	200	115	65-A	160
64	2.5	4.5	MHZ	115	65	64-A	80
63	4.2	8.0	MHZ	70	40	63-A	40
62	7.0	12.0	MHZ	41	23		
61	12.0	21.0	MHZ	25	13.5	61-A	20
60	19.0	35.0	MHZ	15	9	60-A	10

